

Refine Search

Search Results -

Terms	Documents
wireless ADJ application ADJ server	6

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JPO Abstracts Database
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Search:

L1

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Set Name Query

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6

L1

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[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6662231 B1

L1: Entry 1 of 6

File: USPT

Dec 9, 2003

US-PAT-NO: 6662231

DOCUMENT-IDENTIFIER: US 6662231 B1

TITLE: Method and system for subscriber-based audio service over a communication network

DATE-ISSUED: December 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Drosset; Joseph St-John	Naperville	IL		
Kim; Michael	Naperville	IL		
Bottorf; Christopher J.	Chicago	IL		
McMillan; Juan C.	Evanston	IL		

US-CL-CURRENT: [709/229](#); [709/203](#), [709/217](#), [709/219](#), [709/227](#), [709/231](#)

ABSTRACT:

Disclosed is a method and system for providing audio service to a client through a communication network. A user subscribes to the service and the user's access to audio files is contingent upon authorization and validation. Once authorized, the user may access and stream out audio data files, or similar types of files, to the client device through the communication network. Metrics are maintained for the play-out of each audio file and payment may be allocated to an owner of rights in the audio file based on the play-out statistics. The user may maintain customized play lists on the server for playing out preselected audio files. A play list may be sent to another user. The server may also be configured to select audio files not previously selected by the user based on the user's past selection behavior or based on the user's stated preferences. The audio files identified by the server are then suggested to the user. The user may also be referred by the server to a sales site to purchase a recording of the audio file.

21 Claims, 21 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 6628934 B2

L1: Entry 2 of 6

File: USPT

Sep 30, 2003

US-PAT-NO: 6628934

DOCUMENT-IDENTIFIER: US 6628934 B2

TITLE: Systems and methods for automatically provisioning wireless services on a wireless device

DATE-ISSUED: September 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosenberg; Dave H.	San Francisco	CA		
Melnicki; Michael S.	San Francisco	CA		

US-CL-CURRENT: 455/411

ABSTRACT:

Systems and methods for automatically activating wireless services on a wireless device are provided. The systems and methods of the present invention comprise a software and hardware infrastructure that enables a wireless service provider to automatically register a wireless device on a wireless network and a wireless device user to automatically activate wireless services on the wireless device. The wireless services may be part of a wireless service plan provided by the wireless service provider to the wireless device user on a per fee basis.

40 Claims, 13 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Claims	KMC	Draw. De
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☐ 3. Document ID: US 6602191 B2

L1: Entry 3 of 6

File: USPT

Aug 5, 2003

US-PAT-NO: 6602191

DOCUMENT-IDENTIFIER: US 6602191 B2

TITLE: Method and apparatus for health and disease management combining patient data monitoring with wireless internet connectivity

DATE-ISSUED: August 5, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Quy; Roger J.	Mill Valley	CA		

US-CL-CURRENT: 600/300; 128/903, 128/904, 128/923

ABSTRACT:

A method and apparatus for a wireless health monitoring system for interactively monitoring a disease or health condition of a patient by connecting an internet-enabled wireless web device ("WWD") to a health monitoring device which may be a medical device or other health related device. The WWD may be connected to the health monitoring device directly by a wired connection to a generic input/output port of the WWD or wirelessly connected to the health monitoring device, such as via an infrared or radio frequency connection. The health related data is transmitted from the WWD to a server using standard internet protocols. The server calculates a response using a software program while providing for review by a physician or health specialist. The user may interact with the server, for example, the server transmits a response to the WWD and the user may answer the response or provide other information.

105 Claims, 8 Drawing figures
Exemplary Claim Number: 44
Number of Drawing Sheets: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Figures	Claims	KMC	Draw De
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☐ 4. Document ID: US 6522884 B2

L1: Entry 4 of 6

File: USPT

Feb 18, 2003

US-PAT-NO: 6522884

DOCUMENT-IDENTIFIER: US 6522884 B2

**** See image for Certificate of Correction ****

TITLE: System and method for dynamically routing messages transmitted from mobile platforms

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tennison; Lynden L.	Omaha	NE		
Vaiskunas; Thomas J.	Omaha	NE		
Conley; Todd M.	Elkhorn	NE		
Edeid; Nader	Upton	MA		
Wilmes; Dave J.	Omaha	NE		

US-CL-CURRENT: 455/445; 370/351, 455/517

ABSTRACT:

A client device has access to multiple data communications networks when sending a message to a server. An included network management functionality evaluates on an individual message by message basis a number of factors and selects one of the networks over which the message is to be communicated to the server. The selection process involves having the network management functionality identify a particular

selection rule containing a network clause relating to each potentially useable communications network. The particular selection data comprising each network clause are then evaluated in the context of the message transmission to select for the message the particular one of the networks to be used for the communication.

12 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw De
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☐ 5. Document ID: US 6490291 B1

L1: Entry 5 of 6

File: USPT

Dec 3, 2002

US-PAT-NO: 6490291
DOCUMENT-IDENTIFIER: US 6490291 B1

TITLE: Device for data communications between wireless application protocol terminal and wireless application server, and method thereof

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Sang-seo	Seoul			KR
Kim; Yong-suk	Seoul			KR

US-CL-CURRENT: 370/401; 370/410

ABSTRACT:

A device for data communications between a Wireless Application Protocol (WAP) terminal and a WAP server, and a data communication method thereof. The data communications device includes: a plurality of WAP terminals each having a protocol stack in which a Circuit Switch Data service (CSD) protocol layer is laid under a Wireless Transaction Protocol (WTP) layer and a Wireless Datagram Protocol (WDP) layer, for generating WAP data which is service request data; a plurality of WAP servers each having a protocol stack in which a Transmission Control Protocol (TCP) layer and an Internet Protocol (IP) layer are laid under a WTP layer and a WDP layer, for providing the WAP terminals with WAP server data according to the WAP data; and an interworking function (IWF) unit having a CSD protocol layer connected to the CSD protocol layers of each WAP terminal, and a TCP layer and an IP layer which are connected to the TCP and IP layers of each WAP server, for mapping the WAP terminals to the corresponding WAP servers, wherein each WAP terminal communicates with the IWF unit through a single Internet Protocol/Peer-to-Peer Protocol (IP/PPP) layer included in its own CSD protocol layer, and the IWF unit communicates through the Internet with each WAP server. Because there is no redundancy of IP/PPP protocol layers in the WAP terminal, overhead is considerably reduced. Also, the IWF unit is directly connected through the Internet to the WAP server, not through the PSTN and the ISP, so that connection time and costs can be reduced.

4 Claims, 9 Drawing figures

Exemplary Claim Number: 1
Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 6377640 B2

L1: Entry 6 of 6

File: USPT

Apr 23, 2002

US-PAT-NO: 6377640
DOCUMENT-IDENTIFIER: US 6377640 B2

TITLE: Means and method for a synchronous network communications system

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Trans; Francois	Los Altos	CA		

US-CL-CURRENT: 375/354; 370/286, 370/289

ABSTRACT:

Nodes on a network are synchronized with each other using a clock transfer system. The communications channels between the nodes are then measured and calibrated for optimal bandwidth. The optimized channels and synchronization enables a new form of signaling based on precise control of the frequency, amplitude, and phase of the waveform of the signal. Receiving nodes receive information in order to locate the signal at the appropriate frequency, phase and amplitude. Precision control of these parameters also serves as a unique signature of the transmitting node preventing security breaches as the signal's characteristic are unique to the transmitting node. The channel is continuously updated with a precision control system to insure that the nodes are not out of phase.

4 Claims, 81 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 77

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw D
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Generate Collection

Print

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Terms

Documents

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6

Display Format:

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Change Format

[Previous Page](#)

[Next Page](#)

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